

TITLE

## FATTY ACID DESATURASE GENES FROM PLANTS

ABSTRACT OF THE DISCLOSURE

5 The preparation and use of nucleic acid fragments  
encoding fatty acid desaturase enzymes are described.  
The invention permits alteration of plant lipid  
composition. Chimeric genes incorporating such nucleic  
acid fragments with suitable regulatory sequences may be  
used to create transgenic plants with altered levels of  
10 unsaturated fatty acids.

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